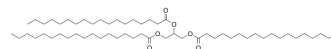


Tristearin

Cat. No.:	HY-127035
CAS No.:	555-43-1
Molecular Formula:	$C_{57}H_{110}O_6$
Molecular Weight:	891.48
Target:	Others
Pathway:	Others
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

Ethanol : 10 mg/mL (11.22 mM; warming and heat to 60°C)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.1217 mL	5.6087 mL	11.2173 mL
	5 mM		0.2243 mL	1.1217 mL	2.2435 mL
	10 mM		0.1122 mL	0.5609 mL	1.1217 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Tristearin is a triglyceride derived from three units of stearic acid^[1].

REFERENCES

[1]. Pizzirusso A, et al. Molecular Insights into the Eutectic Tripalmitin/Tristearin Binary System. J Am Chem Soc. 2018 Oct 3;140(39):12405-12414.

Caution: Product has not been fully validated for medical applications. For research use only.

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